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# (12) United States Patent

Geraghty et al.

# (54) MULTIFOCAL ACCOMMODATING INTRAOCULAR LENS

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(65) **Prior Publication Data** 

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### Related U.S. Application Data

- (63) Continuation of application No. 11/966,365, filed on Oct. 20, 2008, now Pat. No. 8,048,156.
- (60) Provisional application No. 60/882,839, filed on Dec. 29, 2006.
- (51) **Int. Cl. A61F 2/16** (2006.01)

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### (57) ABSTRACT

An intraocular lens for providing accommodative vision includes an adjustable optic and a haptic that is operably coupled to the optic. The adjustable optic comprises a central zone and an annular zone surrounding the central zone. The optic may also comprise additional annular zones. The haptic comprises a transparent portion protruding into the adjustable optic. The intraocular lens has a disaccommodative configuration in which the central zone has a base optical power and an accommodative configuration in which the central zone has an add optical power that is at least about 1 Diopter greater than the base optical power. The central zone and the annular zone have different optical powers when the adjustable intraocular lens is in the accommodative configuration and/or when the adjustable intraocular lens is in the disaccommodative configuration.

#### 20 Claims, 6 Drawing Sheets

